PIONEER
The Art of Entertainment

Service Manual

ORDER NO.
CRT1366

RCA TO DIN ADAPTOR

CD-RD100 E

SPECIFICATIONS

Power source .... 14.4 V DC (10.8–15.6 V allowable)
Grounding system ..... Negative type
Dimensions ..... 83 (W) × 30 (H) × 57 (D) mm
Weight ..... 210 g
Frequency response ..... 20–20,000 Hz
Rated output level/output impedance
..... 100 mV/1 kΩ (at 500mV input level)

Note:
Specifications and the design are subject to possible modification without notice due to improvements.

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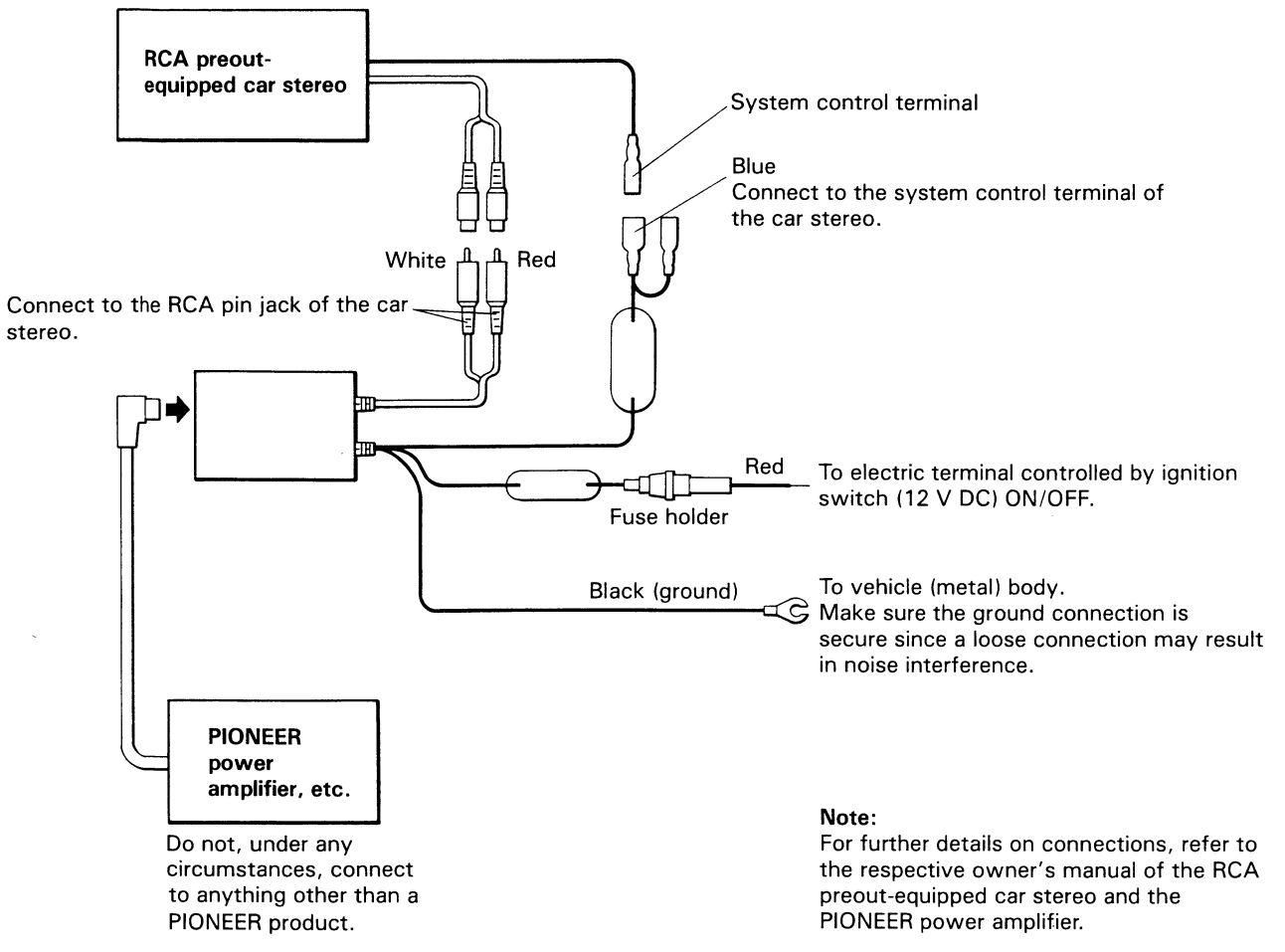
1. CONNECTIONS


RCA preout-equipped car stereo
System control terminal
Blue
Connect to the system control terminal of the car stereo.
White
Red
Connect to the RCA pin jack of the car stereo.
Red
To electric terminal controlled by ignition switch (12 V DC) ON/OFF.
Fuse holder
Black (ground)
To vehicle (metal) body.
Make sure the ground connection is secure since a loose connection may result in noise interference.
PIONEER power amplifier, etc.
Do not, under any circumstances, connect to anything other than a PIONEER product.
Note:
For further details on connections, refer to the respective owner's manual of the RCA preout-equipped car stereo and the PIONEER power amplifier.

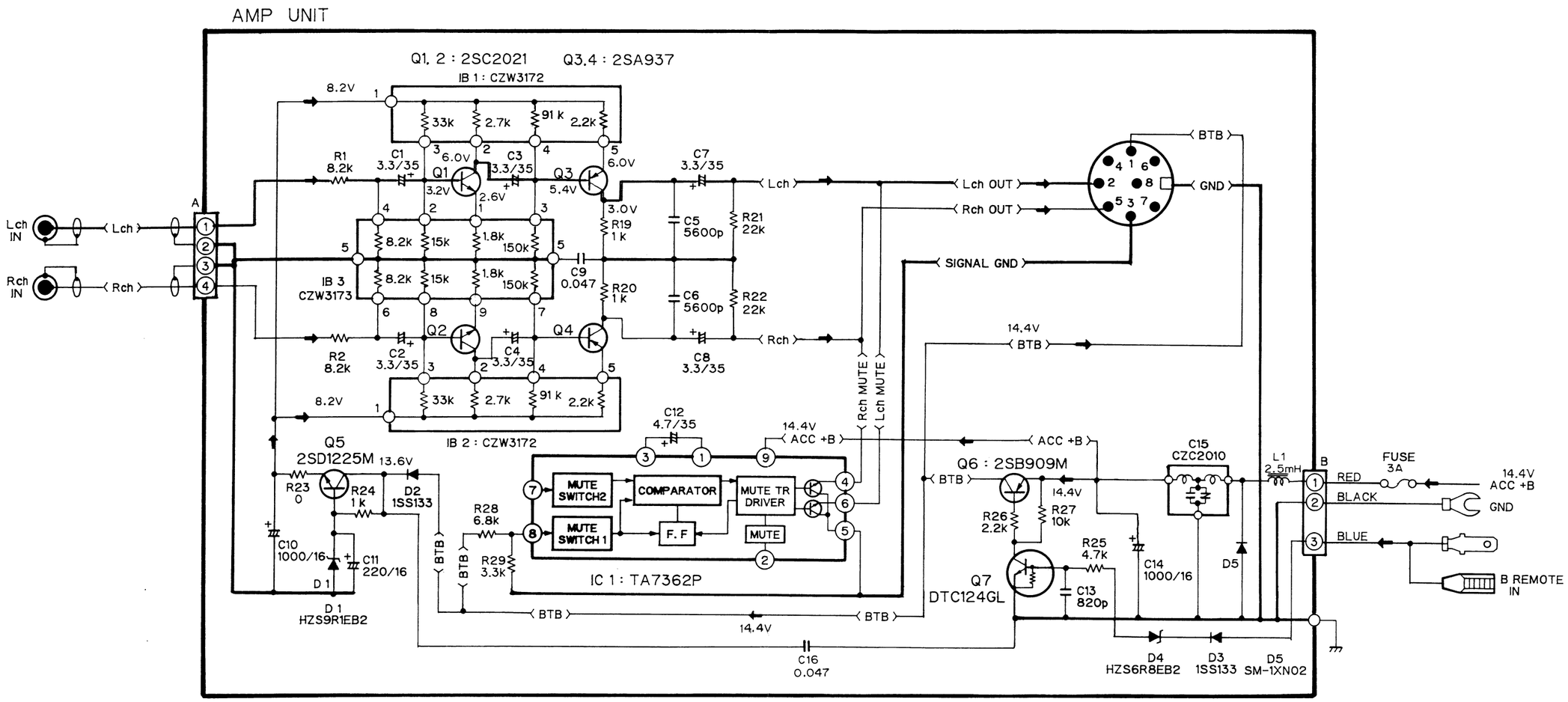
PRODUCT DESCRIPTION

CD-RD100, an adaptor connecting RCA preout-equipped car stereo (500 mV output level) and a unit (Example: Power amplifier) with PIONEER DIN input.

CAUTIONS

- Do not install the unit at the foot of the driver's seat, or at any other location that impair driving operations.
- Do not install the unit near heater vents to prevent malfunction of the unit due to heat.
- Replace the fuse only with the type stipulated on the fuse holder.

2. SCHEMATIC CIRCUIT DIAGRAM



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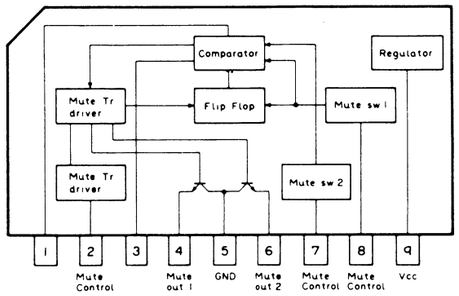


Fig. 1

3. CONNECTION DIAGRAM

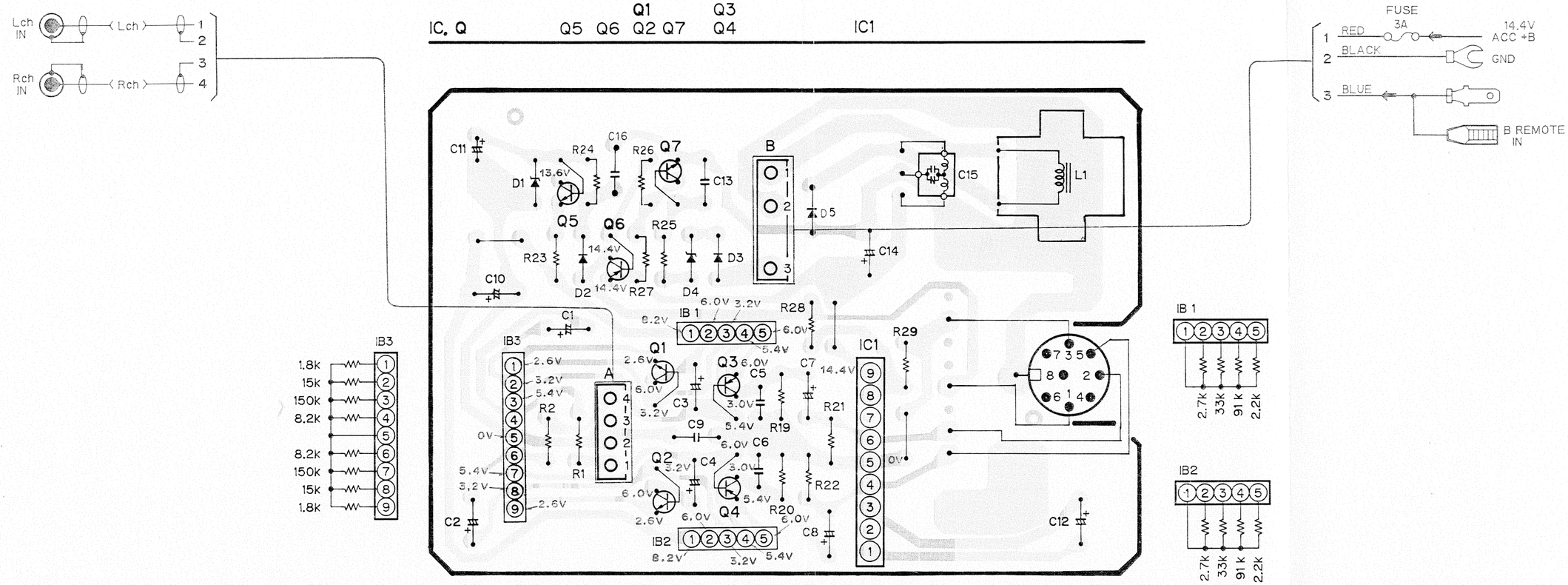
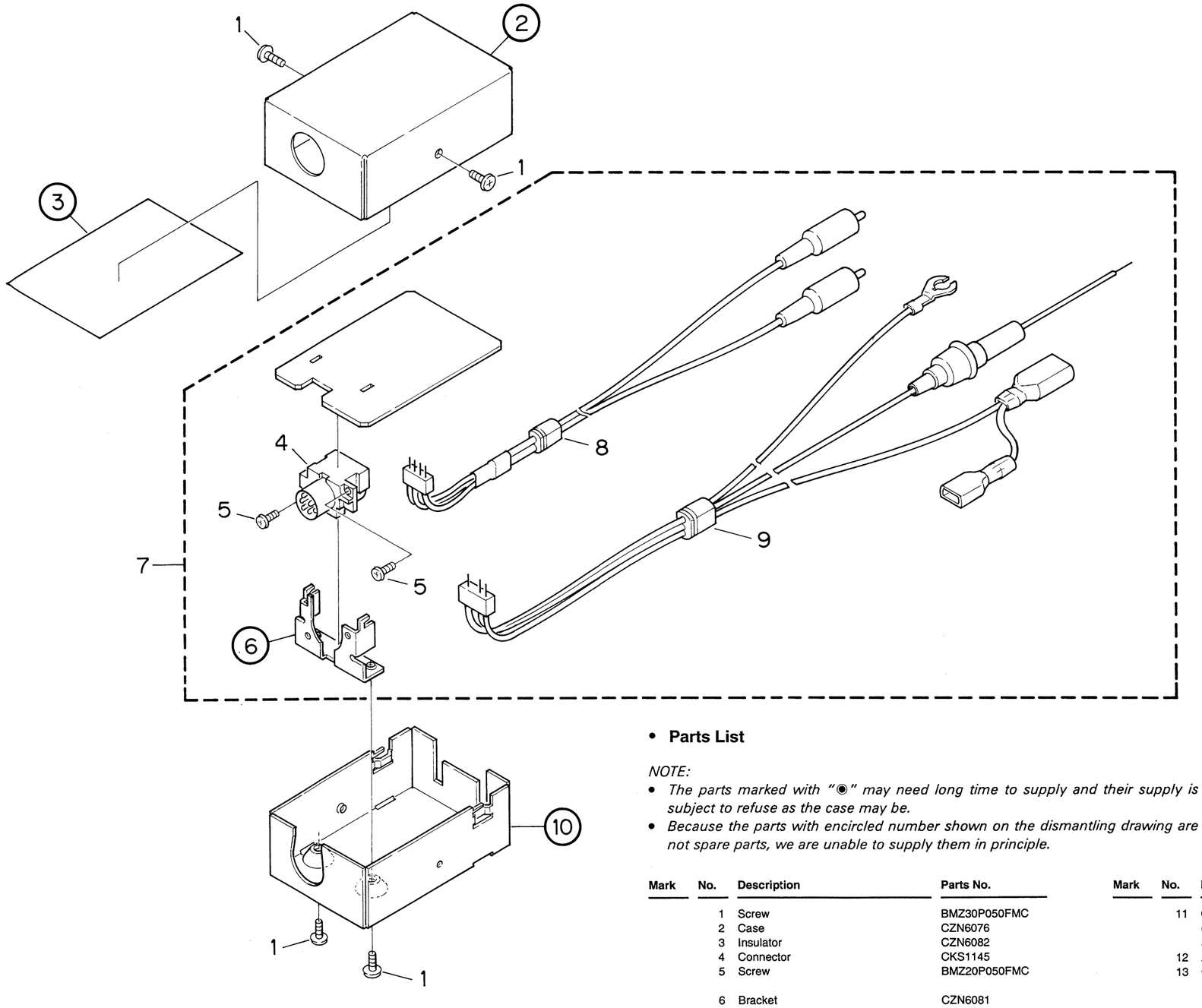
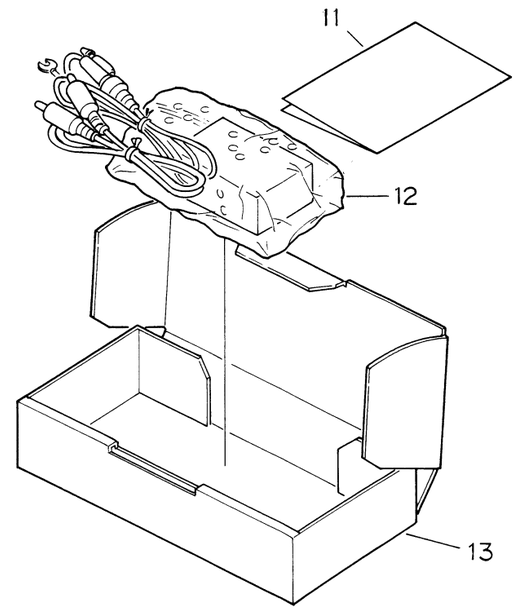


Fig. 2

4. EXPLODED VIEWS AND PARTS LIST



- **PACKING METHOD**



- **Parts List**

NOTE:
- *The parts marked with "◉" may need long time to supply and their supply is subject to refuse as the case may be.*
- *Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.*

Mark	No.	Description	Parts No.
	1	Screw	BMZ30P050FMC
	2	Case	CZN6076
	3	Insulator	CZN6082
	4	Connector	CKS1145
	5	Screw	BMZ20P050FMC
	6	Bracket	CZN6081
◉	7	Amp Unit	CZW3177
	8	Connector Assy	CZD3181
	9	Connector Assy	CZD3180
	10	Chassis	CZN6075

Mark	No.	Description	Parts No.
	11	Owner's Manual (English, French, Spanish, German, Swedish)	CZR3107
	12	Air Cushioned Bag	CZE2083
	13	Carton	CZH3259

Fig. 3

5. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*
  Chip Resistor
  RS1/8S □□□J, RS1/10S □□□J
  Chip Capacitor (except for CQS.....)
  CKS....., CCS....., CSZS.....

Unit Number :
Unit Name : Amp Unit

MISCELLANEOUS

Mark	Circuit Symbol & No.	Part Name	Part No.
IC	1		TA7362P
Q	1 2		2SC2021
Q	3 4		2SA937
Q	5		2SD1225M
Q	6		2SB909M
Q	7		DTC124GL
D	1		HZS9R1EB2
D	2 3		1SS133
D	4		HZS6R8EB2
D	5		SM-1XN02
IB	1 2		CZW3172
IB	3		CZW3173
L	1	Choke Coil 2.5mH	CZT2013

RESISTORS

Mark	Circuit Symbol & No.	Part Name	Part No.
R	1 2		RD1/4PS822JL
R	19 20 24		RD1/4PS102JL
R	21 22		RD1/4PS223JL
R	23		RD1/4PS0R0JL
R	25		RD1/4PS472JL
R	26		RD1/4PS222JL
R	27		RD1/4PS103JL
R	28		RD1/4PS682JL
R	29		RD1/4PS332JL

CAPACITORS

Mark	Circuit Symbol & No.	Part Name	Part No.
C	1 2 3 4 7 8		CEA3R3M35L2
C	5 6		CQMA562J50L
C	9 16		CQFA473J50L
C	10 14	1000μF/16V	CZC2014
C	11		CEA221M16L2
C	12		CEA4R7M35L2
C	13		CKPYB821K50L
C	15		CZC2010